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=> s angiogenesis

L1 29859 ANGIOGENESIS

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L3 540 L2 AND METHOD

=> s 13 and composition

L4 4 L3 AND COMPOSITION

=> d 14 ti abs ibib tot

L4 ANSWER 1 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Pharmaceutical compositions and methods of inhibiting **angiogenesis**
using naaladase inhibitors.

AB The present disclosure relates to a **method** of inhibiting
angiogenesis comprising administering a N-Acetylated alpha-Linked
Acidic Dipeptidase (NAALADase) inhibitor to a patient in need thereof,
and
a pharmaceutical **composition** comprising an anti-angiogenic
effective amount of a NAALADase inhibitor and a pharmaceutically
acceptable carrier.

ACCESSION NUMBER: 2002:358717 BIOSIS

DOCUMENT NUMBER: PREV200200358717

TITLE: Pharmaceutical compositions and methods of inhibiting
angiogenesis using naaladase inhibitors.

AUTHOR(S): Slusher, Barbara S.; Lapidus, Rena G. (1)

CORPORATE SOURCE: (1) Pikesville, MD USA
ASSIGNEE: Guilford Pharmaceuticals Inc., Baltimore, MD,

USA

PATENT INFORMATION: US 6395718 May 28, 2002

SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (May 28, 2002) Vol. 1258, No. 4, pp. No
Pagination. <http://www.uspto.gov/web/menu/patdata.html>.
e-file.

ISSN: 0098-1133.

DOCUMENT TYPE: Patent

LANGUAGE: English

L4 ANSWER 2 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Methods and compositions for inhibiting angiogenesis.
AB The present invention provides a **method** of inhibiting angiogenesis within a tissue by providing exogenous SLED to cells associated with the tissue. The presence of exogenous SLED inhibits angiogenesis within the tissue, in part by interfering with the ability of vascular endothelia to expand within the tissue. The invention also provides a **method** for determining the severity of a tumor by assaying for the presence of SLED within the tumor. To facilitate the inventive methods, the present invention provides pharmaceutical compositions including sources of SLED.

ACCESSION NUMBER: 2001:521933 BIOSIS

DOCUMENT NUMBER: PREV200100521933

TITLE: Methods and compositions for inhibiting angiogenesis.

AUTHOR(S): Bouck, Noel P. (1); Dawson, David W.; Gillis, Paul R.

CORPORATE SOURCE: (1) Oak Park, IL USA

ASSIGNEE: Northwestern University

PATENT INFORMATION: US 6288024 September 11, 2001

SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (Sep. 11, 2001) Vol. 1250, No. 2, pp. No Pagination. e-file.

ISSN: 0098-1133.

DOCUMENT TYPE: Patent

LANGUAGE: English

L4 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Inhibition of hair growth.

AB A **method** of inhibiting hair growth in a mammal includes applying, to an area of skin from which reduced hair growth is desired, a dermatologically acceptable **composition** containing a non-steroidal suppressor of angiogenesis.

ACCESSION NUMBER: 2001:188368 BIOSIS

DOCUMENT NUMBER: PREV200100188368

TITLE: Inhibition of hair growth.

AUTHOR(S): Ahluwalia, Gurpreet S. (1); Styczynski, Peter; Shander, Douglas

CORPORATE SOURCE: (1) 8632 Stable View Ct., Gaithersburg, MD, 20879 USA

PATENT INFORMATION: US 6093748 July 25, 2000

SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (July 25, 2000) Vol. 1236, No. 4, pp. No Pagination. e-file.

ISSN: 0098-1133.

DOCUMENT TYPE: Patent

LANGUAGE: English

L4 ANSWER 4 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Alteration of ganglioside **composition** by stable transfection with antisense vectors against GD3-synthase gene expression.

AB Gangliosides are ubiquitous components of mammalian cells. Their expression is frequently altered in many tumor types. We previously showed

that alteration of the ganglioside **composition** often resulted in changes in cellular morphology and differentiation of cultured cells. In this study, we targeted sialyltransferase gene expression by the antisense

knockdown experiment, and the results showed that **inhibition** of the expression of gangliosides GD3 and O-acetylated GD3 (OAc-GD3) in the neuroblastoma F-11 cells greatly reduced the tumor growth in nude mice.

The sense and antisense vectors containing either a 5' end fragment or the entire sequence of the cDNA coding for GD3-synthase were prepared and used

in separate experiments to transfet the F-11 cells which express high

levels of gangliosides GD3 and OAc-GD3. Single clones were isolated and expanded. Both the activity of the GD3-synthase and the concentrations of GD3 and OAc-GD3 in the antisense-transfected cells were dramatically decreased as a result of transfection with the antisense expression vectors. Further characterization of the antisense-transfected cells showed reduced rates of cell growth and neurite formation and changes in cellular morphology. When the cells were inoculated in athymic nude mice, the tumor growth rate was remarkably suppressed although the tumor incidence was not affected by the altered ganglioside **composition**. These results indicate that the tumor-associated ganglioside(s) is(are) involved in regulation of tumor growth, probably through the stimulation of **angiogenesis** of the tumor.

ACCESSION NUMBER: 1999:356557 BIOSIS

DOCUMENT NUMBER: PREV199900356557

TITLE: Alteration of ganglioside **composition** by stable transfection with antisense vectors against GD3-synthase gene expression.

AUTHOR(S): Zeng, Guichao; Li, Donna D.; Gao, Luoyi; Birkle, Stephane; Bieberich, Erhard; Tokuda, Akira; Yu, Robert K. (1)

CORPORATE SOURCE: (1) Department of Biochemistry and Molecular Biophysics, Medical College of Virginia, Virginia Commonwealth University, Richmond, VA, 23298-0614 USA

SOURCE: Biochemistry, (July 6, 1999) Vol. 38, No. 27, pp. 8762-8769.

ISSN: 0006-2960.

DOCUMENT TYPE: Article

LANGUAGE: English

SUMMARY LANGUAGE: English